

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/13789

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E21B7/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | claim 1; figure 1 --- | 1,9 |
| X | US 4 679 637 A (CHERRINGTON WILLIAM D ET AL) 14 July 1987 (1987-07-14) | 6-8 |
| A | column 2, line 28 - line 42; figure 6 column 8, line 32 - line 37 --- | 1,9 |
| X | US 4 422 800 A (PARISH ROBERT O) 27 December 1983 (1983-12-27) | 6-8 |
| A | column 2, line 46 -column 3, line 6; figure 2 --- | 1,9 |
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| A | figure 1 --- | 1,9 |
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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P document published prior to the International filing date but later than the priority date claimed

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the International search

22 March 2004

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01/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| A | 12 January 1994 (1994-01-12) figure 3 --- | 1,9 |
| X | DE 18 11 421 A (THALER JAKOB) | 6,7 |
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